



Marshall Space Flight Center Safety, Health, & Environmental (SHE) Program

Safety, Health, and Environmental (SHE) Program Visitor Awareness Training (SHE 101V)



Emergency Phones Numbers

- **Emergencies: Call 911**

(Ambulance, Fire, Security, and Chemical Spills)

- **On a cell phone, identify immediately that you are on MSFC property**

- **This is required to be transferred to MSFC 911 emergency personnel avoiding critical delays**

- **If there is an injury to personnel or damage to MSFC property, material, or equipment the following shall be notified:**

- **Industrial Safety Branch (ISB), 544-HELP (Option 2)**
 - **Your sponsor**



Non-Emergencies or Concerns

- Industrial Safety Branch (ISB) – 544-0046
- Occupational Health (EEOH) – 544-2390
- Environmental Engineering (EEOH) – 544-4246
- MSFC Medical Center, Bldg 4249 – 544-2390
- Chemical Management – 544-4772
- Hazardous Waste Disposal – 544-9578
- Environmental Support Contractor – 544-9578
- Security – 544-HELP (4357) Option 1



Safety, Health & Environmental (SHE) Program Objective

- To establish and implement an industrial safety, occupational health, and environmental program that
 - Prevents employee injuries, illnesses, and fatalities
 - Protects the environment through the ongoing planning, implementation, integration and management control of these programs
 - Reduces the number of incidents
- MSFC, as a governmental contracting agency, has a responsibility to assure work performed on MSFC meets our safety, health, and environmental standards.



MSFC and OSHA Requirements

- MSFC is responsible for providing employees and visitors with a safe and healthful working environment in accordance with the Occupational Safety and Health Act (OSHA) of 1970 and Public Law 91-596
- MSFC developed Marshall Program Requirements (MPRs) and Marshall Work Instructions (MWIs) to define how work is performed at MSFC
 - Your sponsor can assist you in obtaining these copies or other documents applicable to the work you will perform



Organization Safety, Health and Environmental (SHE) Representative

- Each MSFC organization designates an employee to serve as their SHE point of contact (POC)
- *Safety Monitor/Coordinator Designation* (Label 35) is posted in various locations in buildings
 - label identifies representatives from all SHE organizations that are responsible for the building
- You will be made aware of your role and responsibility in the MSFC SHE Program while working at the Center



Training

- Your sponsor will instruct you in the recognition and avoidance of unsafe conditions
- The regulations applicable to the work environment
- How to control or eliminate any hazards or exposure to illness or injury.



MSFC Has Many Places That May Contain Asbestos

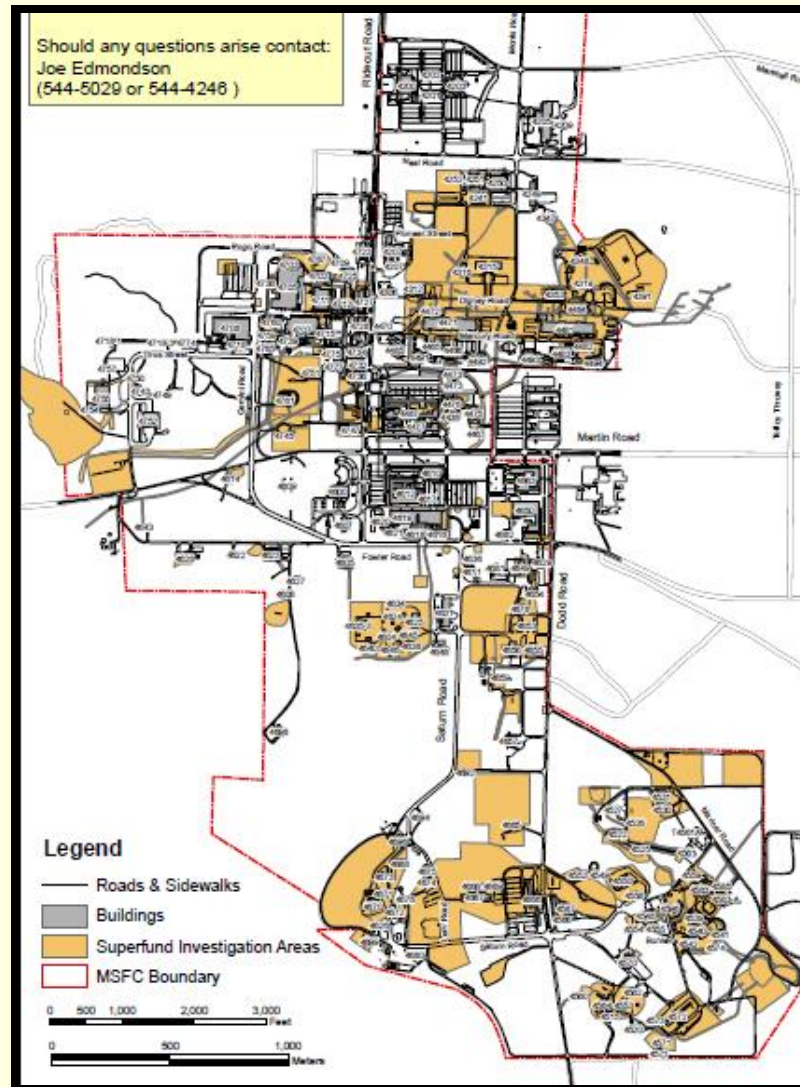
- Asbestos can cause cancer and lung disease and should not be disturbed unless proper precautions are followed
- Asbestos may be present in the following building materials at MSFC:
 - Spray applied insulation
 - Heating, ventilation, and air conditioning and thermal system insulation
 - Floor tiles/adhesive, Interior wallboard/exterior siding
 - Pipe insulation and Gasket materials.
- Avoid cutting, drilling, grinding, or otherwise damaging these materials or other building materials containing asbestos that can cause dust or fiber release and potential asbestos exposure.
- Call EEOH at 544–HELP (4357) or 544-2390 if you have any questions



MSFC is a CERCLA Site

- What is a CERCLA site?
 - Locations where releases of hazardous substances had occurred or might occur, and pose a serious threat to human health, welfare, or the environment
- What is the source of MSFC's CERCLA sites?
 - Due to historical engine development activities at MSFC, some chemicals were released to the environment (soils and groundwater)
- What should you be aware of?
 - Visitors should be aware of this fact and observe appropriate safety signs

Where are the CERCLA Sites Located?





If Chemicals or Hazardous Materials are Involved With Your Work

- Coordination with EEOH, 544-2390, when procuring or bringing hazardous materials onsite
- Your sponsor will provide information and training when working with chemicals or hazardous materials and inform you of the hazards involved when working with them



Hazardous and Controlled Waste Management & Disposal

- If your work generates hazardous waste it needs to be properly disposed of
- Do not pour any chemicals or other hazardous materials down sinks, drains, or into the environment
- Contact the Environmental Support Contractor at 544-9578 if you have any questions or to obtain the following:
 - To obtain waste collection containers
 - Turn in waste containers
 - Turn in empty product containers
 - Turn in unwanted or unclaimed chemicals

If you have any questions contact EEOH, 544-9578



MSFC Permits

- Some work requires MSFC Permits
- Contact ISB at 544-0046 for Hot Work Permits for:
 - Activities that produce and open flame such as oxy-fuel torches, portable furnaces, blow torches, gas or electric welding operations, flammable or combustible fuel heaters, etc.
 - Tar Kettles and torch-applied roofing systems.
- Contact 544-6759 or the Facilities Management Office (FMO) inspector for Digging Permit
- Contact EEOH at 544-2390 for Confined Space Permits
- Your sponsor will know if other permits are needed



General SHE Rules for ALL Employees

- Every employee has the authority to stop any operation if an unsafe act or condition exists; or if an activity has the potential to harm the environment. [29 CFR 1926.20 and MPR 8715.1]
- Report all safety and health problems, close calls, and mishaps to your sponsor
- Imminent Danger - Secure the area and notify your sponsor
 - Identify with hazard warning sign(s) to prevent injury to others or damage to property
- Hazardous conditions shall be corrected before work is allowed to continue
- Become familiar with emergency procedures and follow them when necessary
- Wear Personal Protective Equipment (PPE) when the work requires it to be worn
 - Worksite shall be posted with signage stating the correct PPE required to be worn while in the worksite area



Traffic Rules

- To be granted access to drive a vehicle on MSFC, a valid state driver's license and proof of vehicle insurance is required
- Seat belts are required to be worn **at all times** while the vehicle is moving
- **Cell phone use is prohibited** on RSA/MSFC while operating a vehicle unless you use a hands-free device or speaker phone option
- Pedestrian have the right-of-way at crosswalk paths designated by painted crosswalk on the pavement.
- Vehicles have the right away at main roadway mid-block crossing points with no painted crosswalks. These crossing points are marked with signs stating "Pedestrians Yield to Motorists".



Traffic Rules

- When entering Redstone Arsenal gates during darkness, parking lights should be used
- Vehicles parked in unauthorized areas, or areas not designated for parking are subject to citation
- Slow moving vehicles shall not use Rideout or Martin Road during rush-hours
 - When a slow moving vehicle is on a MSFC road it shall:
 - Display a slow-moving vehicle emblem on the rear
 - Have red or amber flashing lights or beacon
 - Be escorted



Workplace Violence

- MSFC has zero tolerance for workplace violence
- Workplace violence and threatening behavior will not be tolerated
- Threatening behavior is a statement or “course of conduct” which could cause, or which actually causes, a person to believe that they are under threat of bodily injury or death
- Immediately report all acts of violence and any threatening behavior to Protective Services at 544–HELP (4357) Option 1
- All work performed on MSFC is subject to the MSFC Security Procedural Requirements

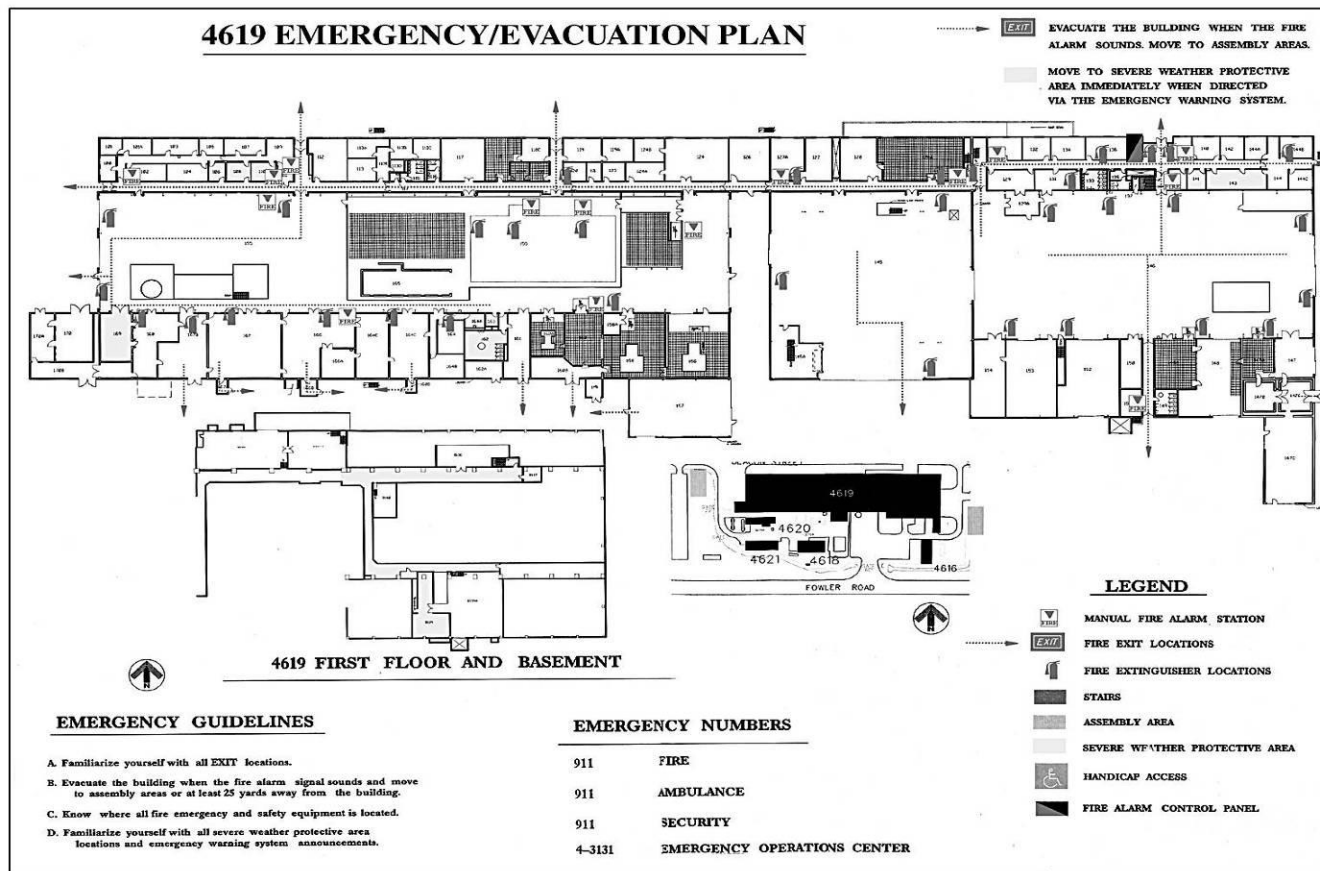


Severe Weather

- Threats of severe weather (lightning, thunderstorm watches/warning, tornado watches/warnings/sightings) at MSFC are announced over the MSFC Emergency Warning System (EWS)
- When emergency announcements are made over the EWS, all personnel shall follow instructions
- If directed to go to protective areas, go to the nearest building
 - An emergency/evacuation plan is posted in the building lobby showing the location of the protective areas within the building
- Your sponsor can assist in locating protective areas adjacent to your work site
- Your sponsor shall ensure that you are aware of what action to take in the event of severe weather or other emergencies

Emergency/Evacuation Plans

The Emergency/Evacuation plans are posted in MSFC building lobbies





MSFC Standardized Lockout/Tagout Locks and Tags

Do Not Tamper with any Lock or Tag

